

FIG. 1

005070" 4507960

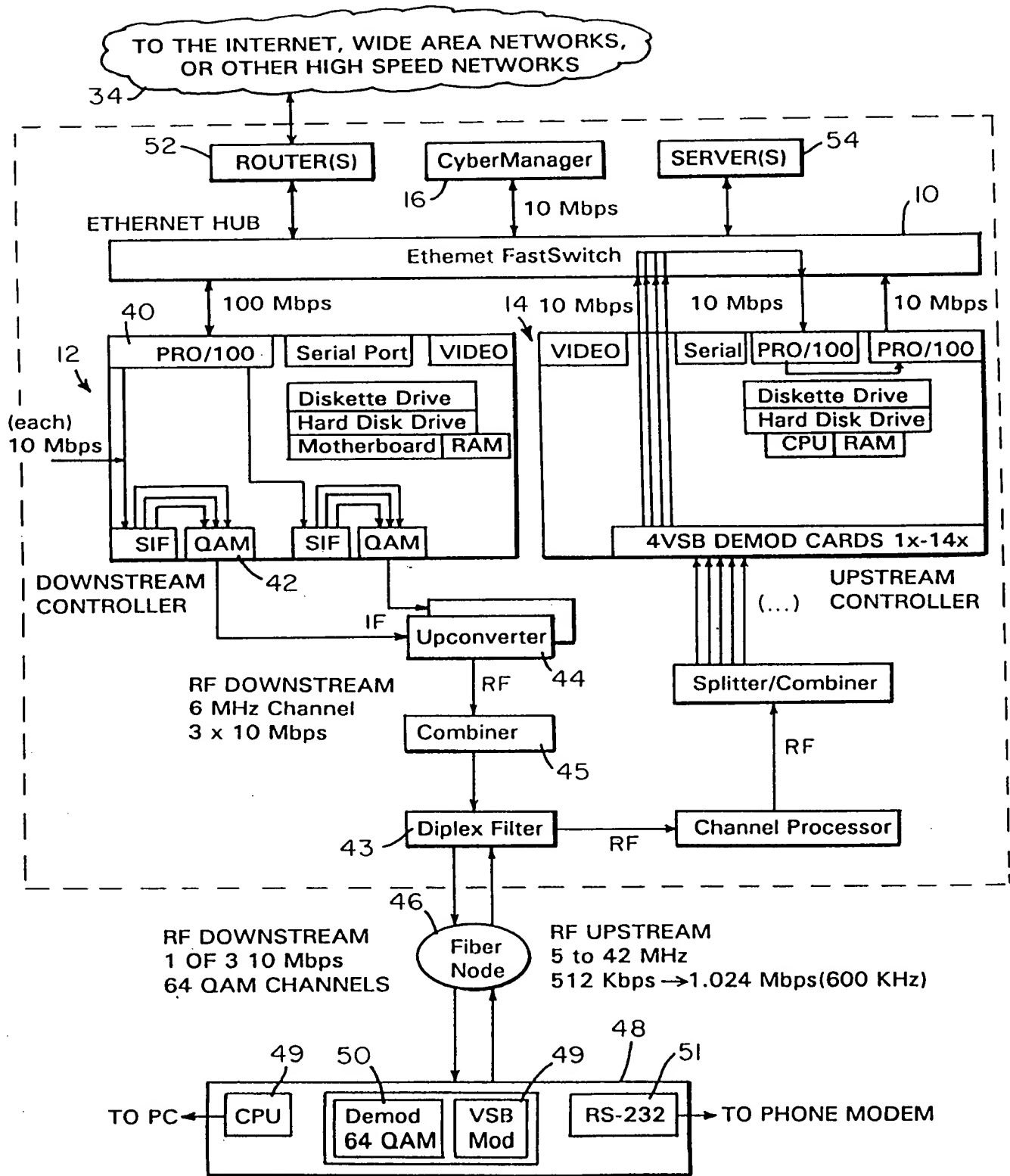


FIG. 2

09610357 070500

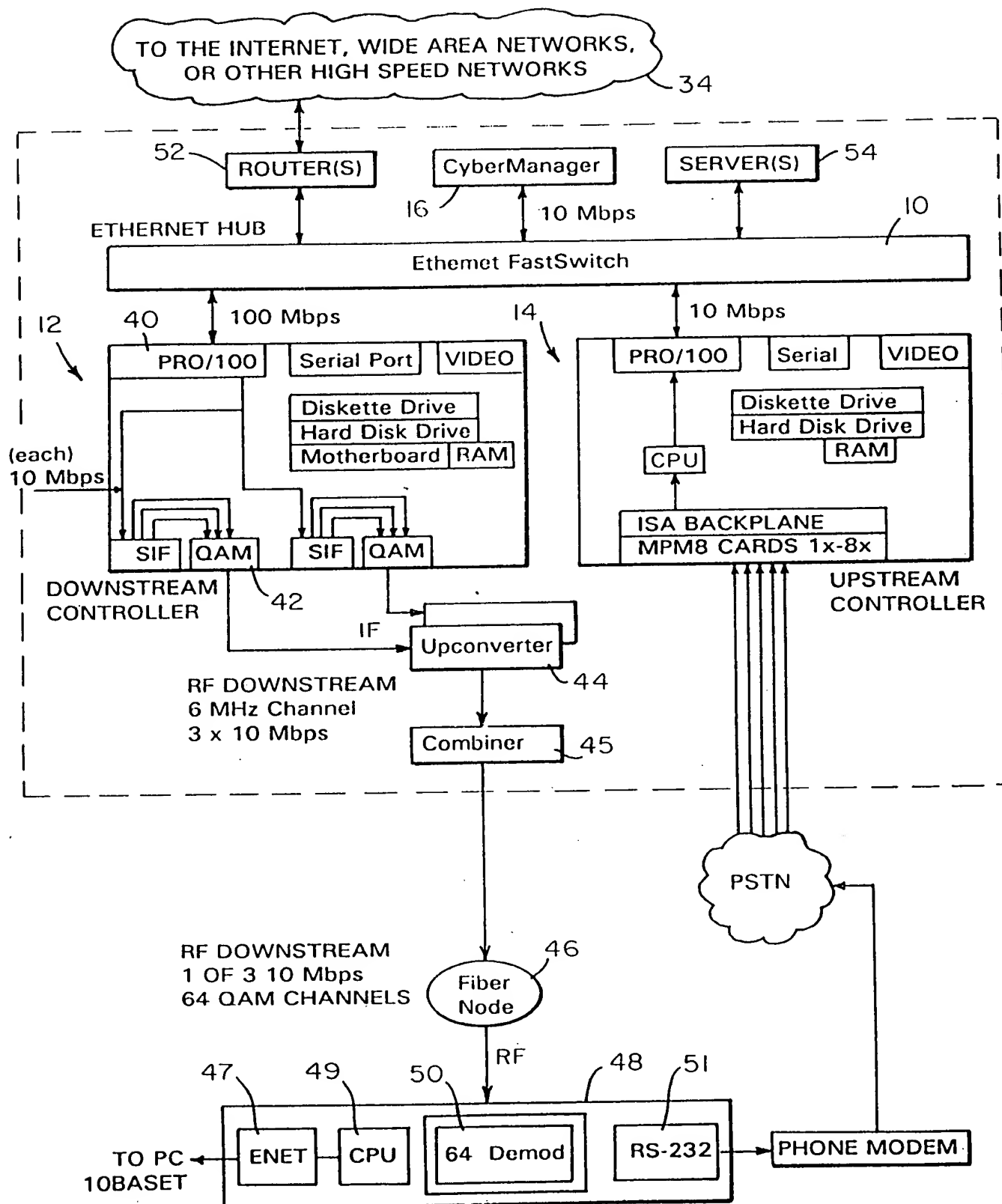


FIG. 3

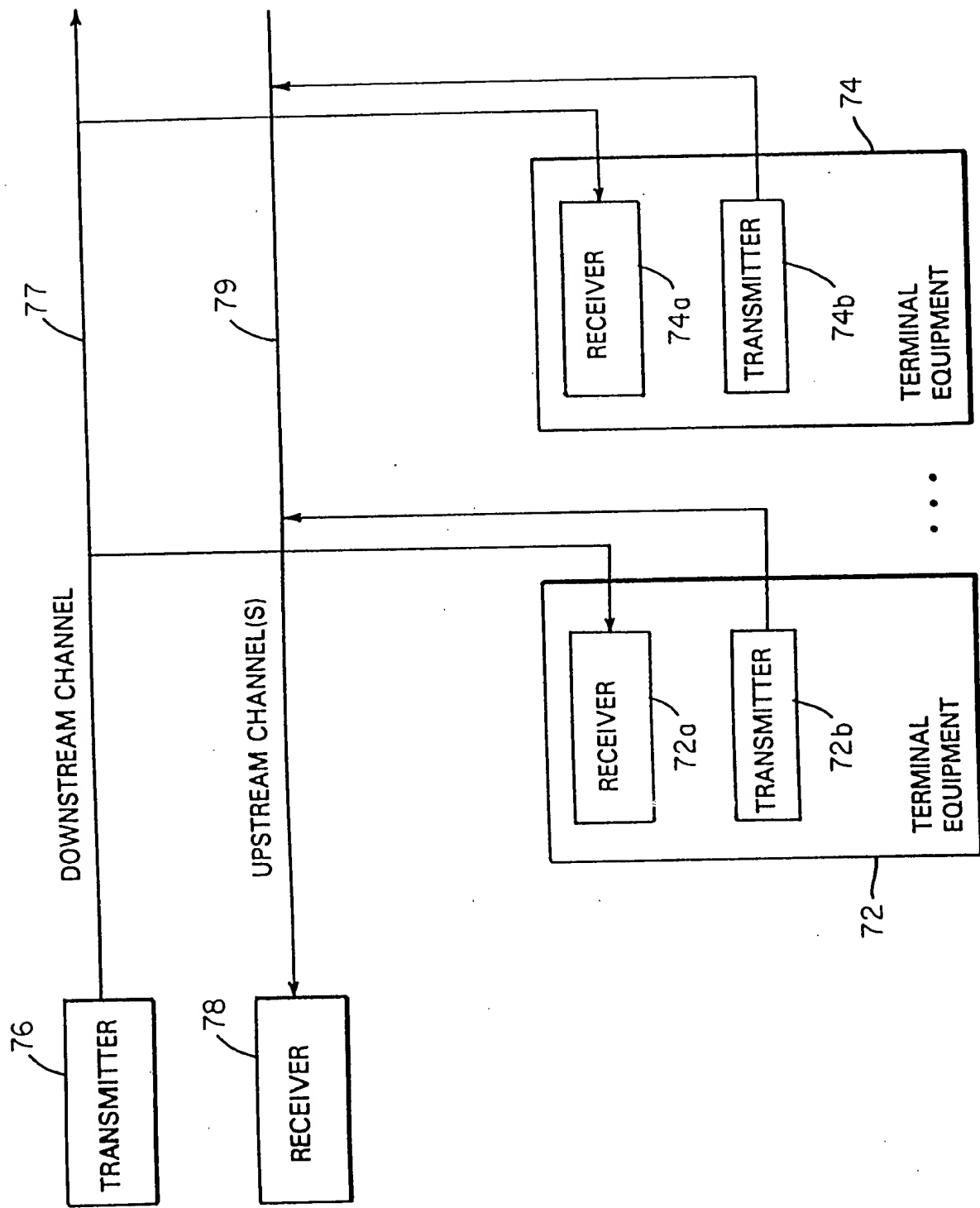


FIG. 4A

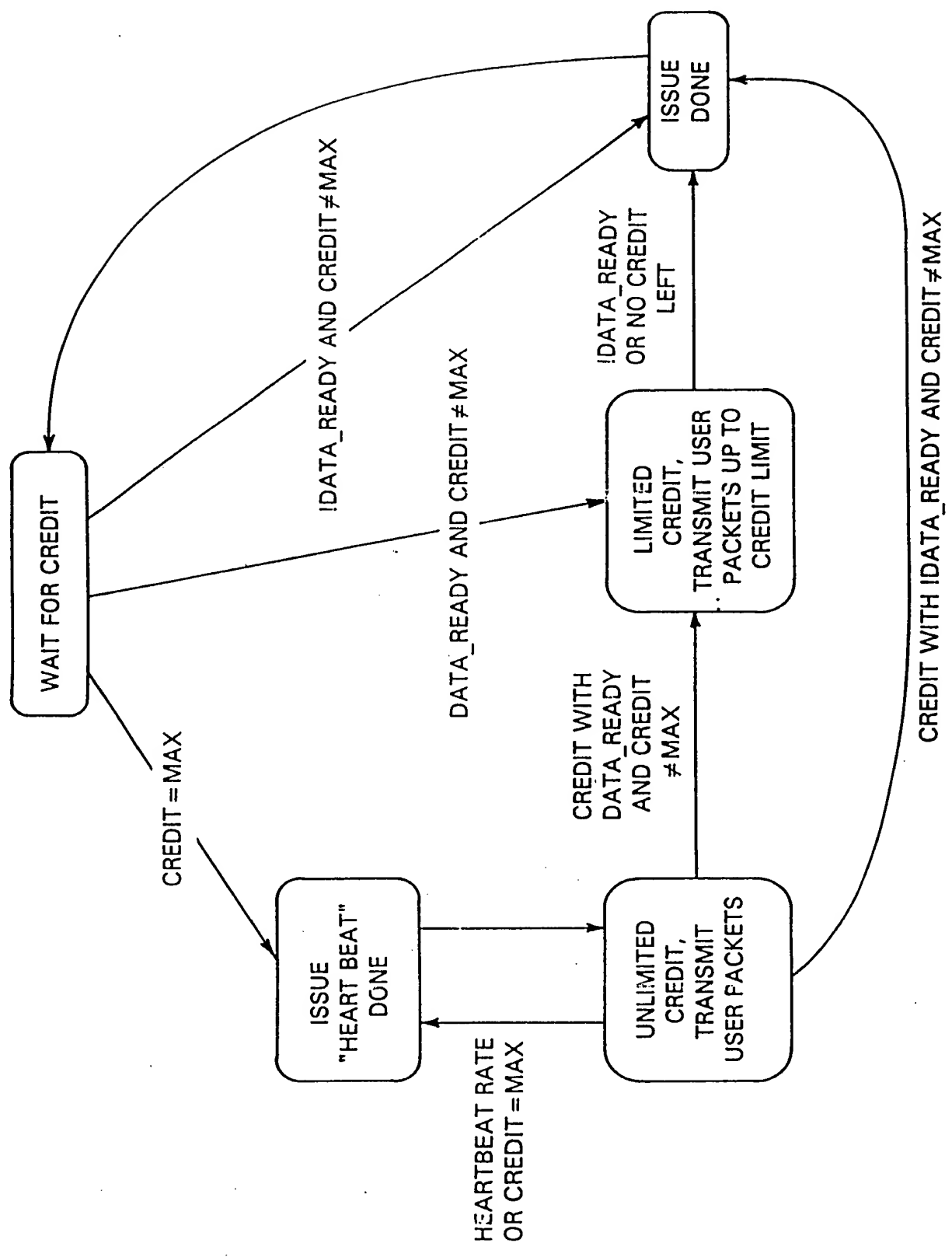


FIG. 4B

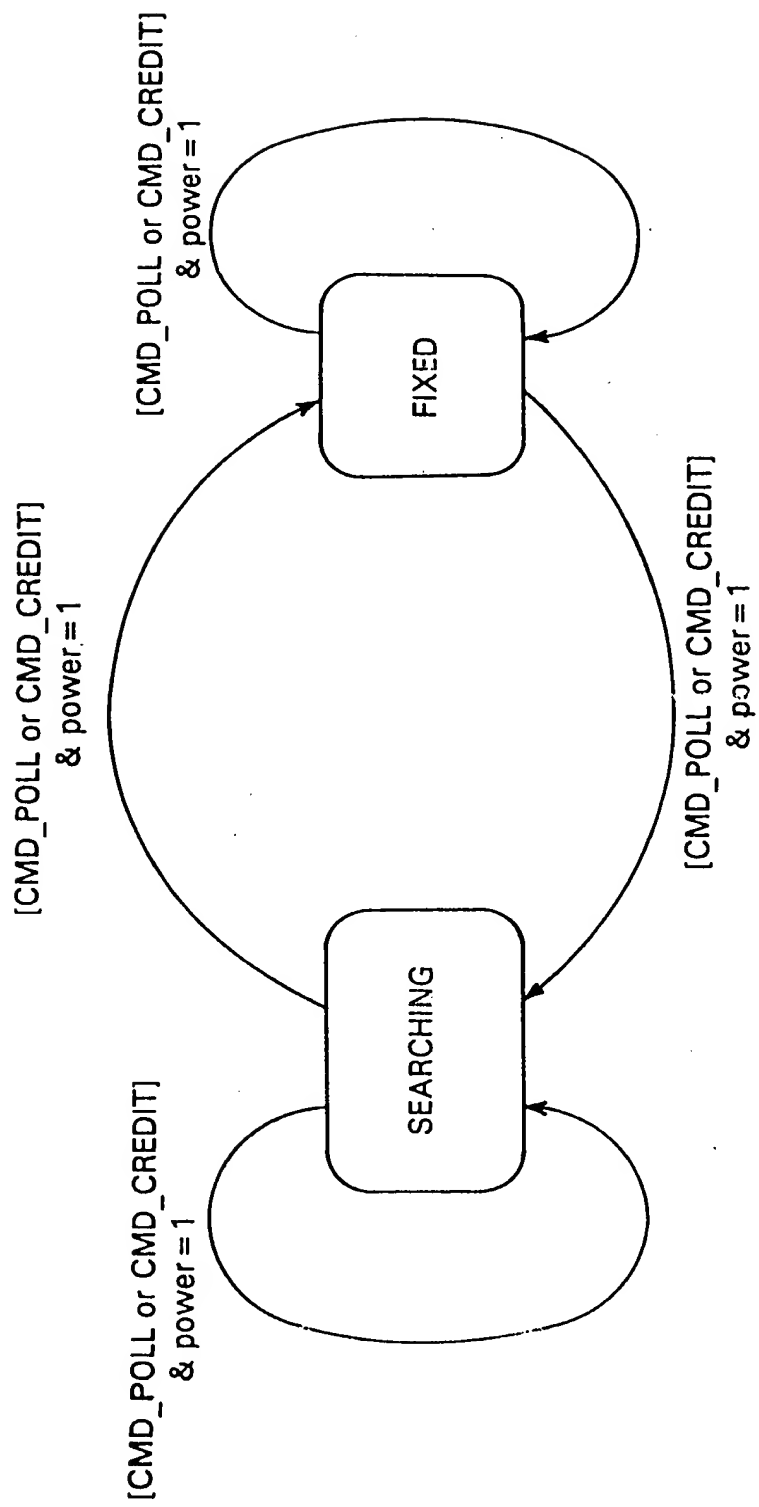


FIG. 4C

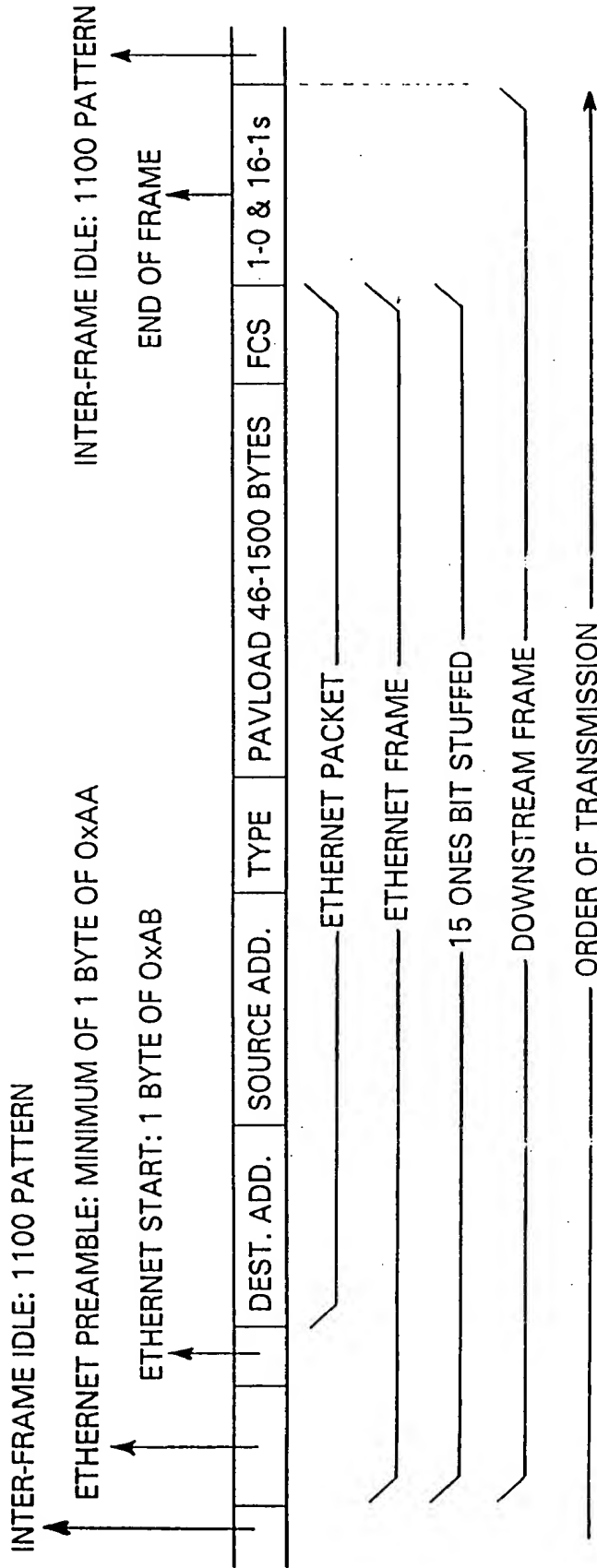


FIG. 4D

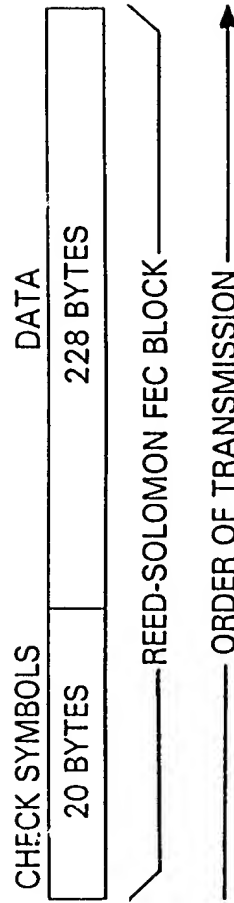
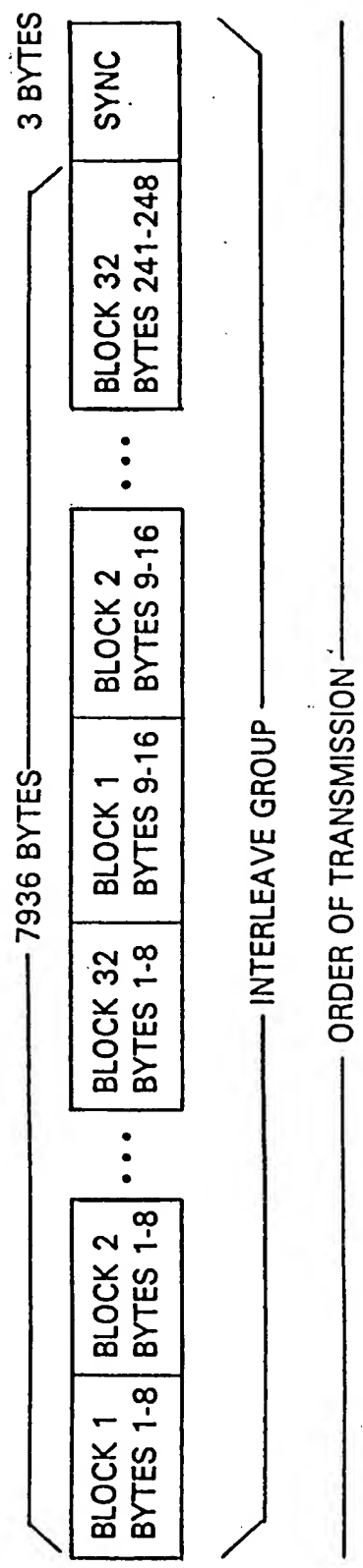


FIG. 4E



The checksum data uses  $T = 10$  RS code characterized by the generator polynomial:

$$G(x) = (x + a^{120})(x + a^{121})(x + a^{122})(x + a^{123}) \\ (x + a^{124})(x + a^{125})(x + a^{126})(x + a^{127}) \\ (x + a^{128})(x + a^{129})(x + a^{130})(x + a^{131}) \\ (x + a^{132})(x + a^{133})(x + a^{134})(x + a^{135}) \\ (x + a^{136})(x + a^{137})(x + a^{138})(x + a^{139})$$

using the primitive polynomial:

$$P(x) = x^8 + x^7 + x^2 + x + 1$$

and the primitive element  $a = x$  (Note  $a = [\text{alpha}]$ )

FIG. 4F



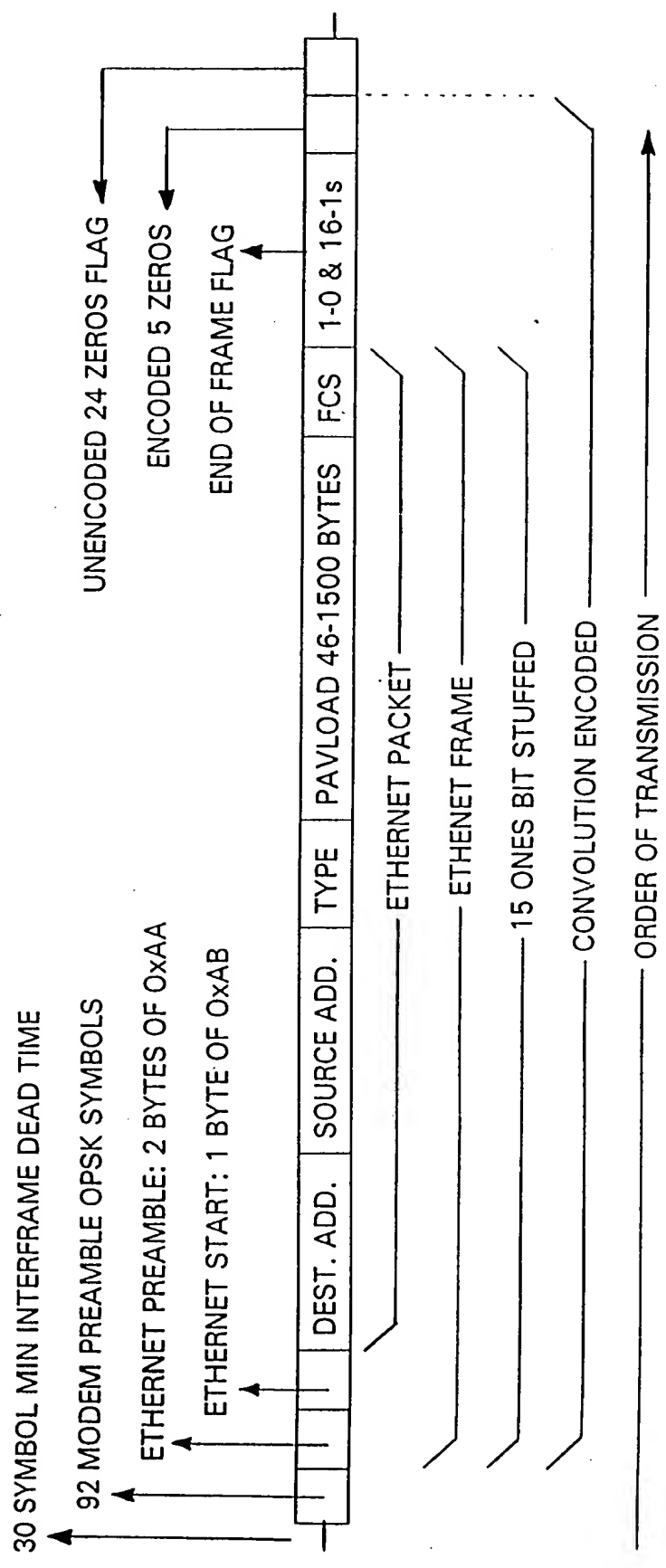


FIG. 4G

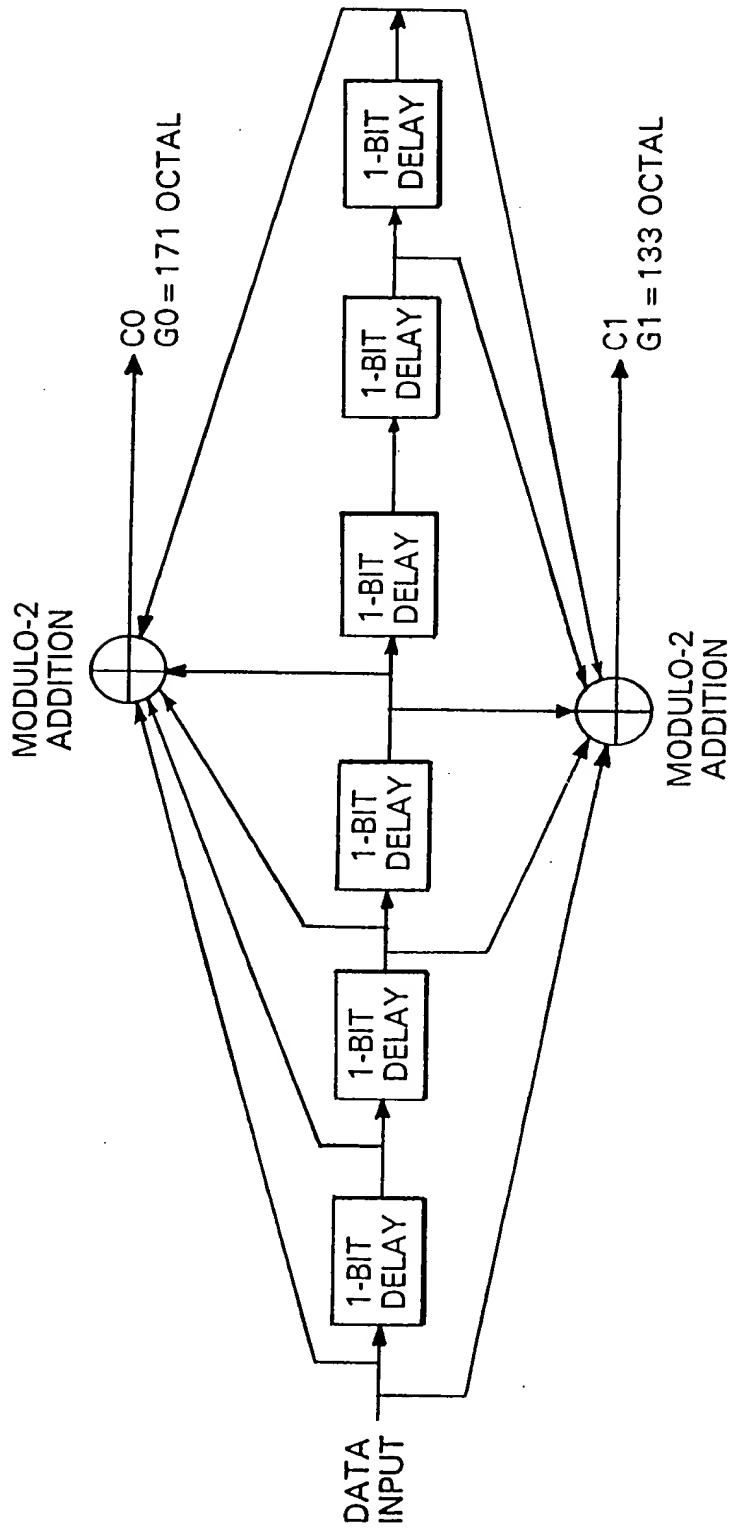


FIG. 4H

C0(1)	< C0(2) >	C0(3)	C0(4)	< C0(5) >	C0(6)
C1(1)	C1(2)	< C1(3) >	C1(4)	C1(5)	< C1(6) >

3/4 PUNCTURED CODING SYSTEM SHOWING THE CODES TRANSMITTED  $C_x(n)$  AND THE CODES DELETED  $<C_x(n)>$

FIG. 4I

NETWORK EQUIPMENT

TERMINAL EQUIPMENT

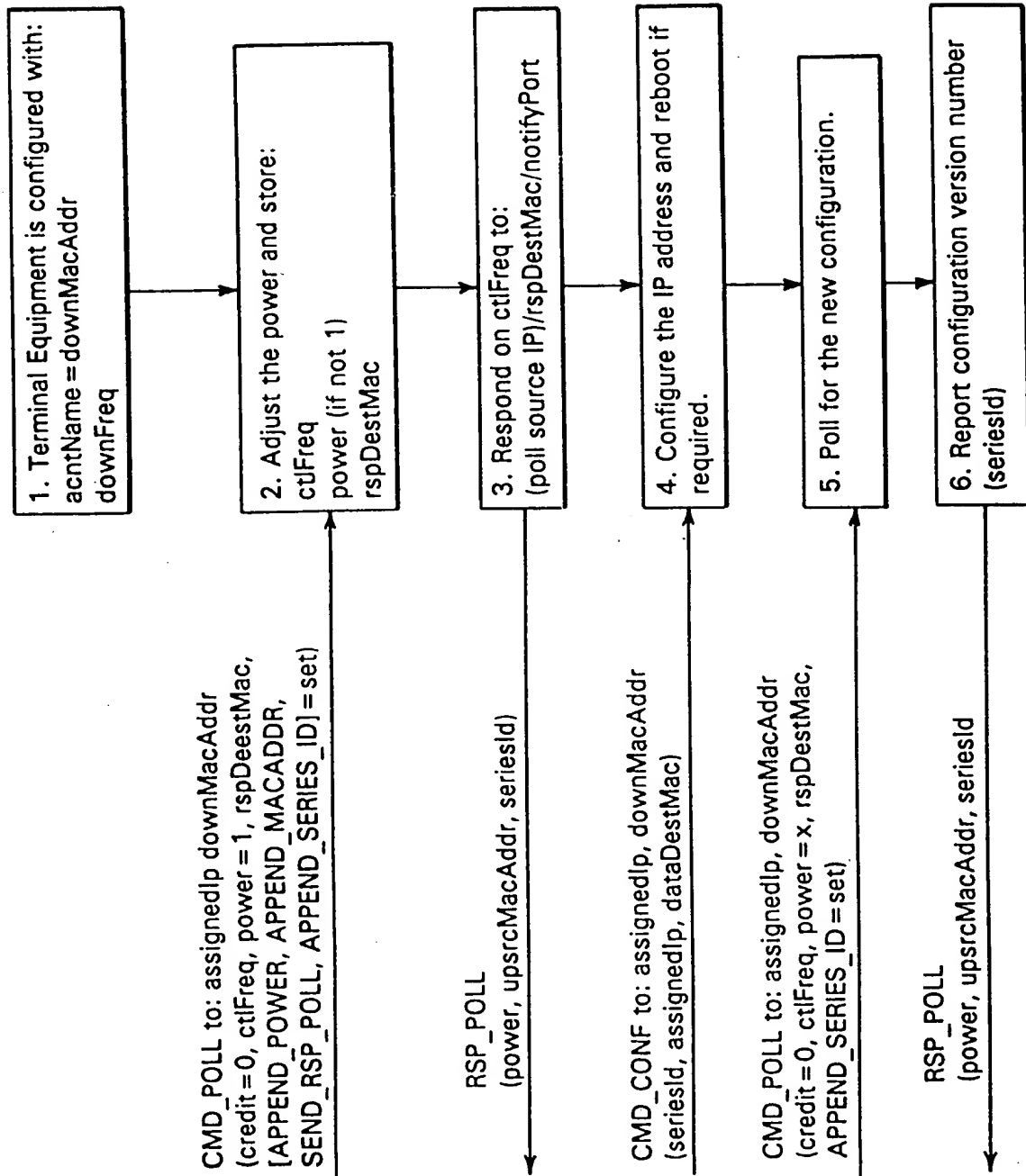


FIG. 5